## WASHINGTON STATE BUILDING CODE COUNCIL APPLICATION FOR REVIEW OF A PROPOSED STATEWIDE AMENDMENT TO THE WASHINGTON STATE BUILDING CODE

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State Energ	y Code
X Internationa	al Mechanical Code
Internationa	al Fuel Gas Code
NFPA 54 N	ational Fuel Gas Code
NFPA 58 L	iquefied Petroleum Gas Code
<b>Page:</b> _39	
D :	March 1, 2012
Principal	
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j	International NFPA 54 N NFPA 58 L Page: 39 ization or individu

e-mail address:

ericv@rushingco.com

5. Proposed Code Amendment. Use 'legislative format' including both old and new language. See instructions on page five for specific details. Please use a separate sheet for each separate proposal.						
Code:	2012 IMC	Section:	501.4	Page:	39	
Amend	section to read as fo	ollows:				
by this chapter to mechanical exhaush space shall mechanical very shall be provide system is install supplied by a metransfer air or or shall not be used.  Exception	to be exhausted. The aust is required in a let be maintained with tilating supply system of for the natural or led for a room or if echanical ventilating utdoor air shall be ped to satisfy the requence. Source specific	e system shall operation of a room or space, in or han a neutral or negative mechanical exhaust a greater quantity of an	te when air is ther than occur than occur the pressure. If by a mechanic of the excess air is remove a room, adeque deficiency. ion.	ized to remove the quarrequired to be exhauste spancies in R-3 and dwe a greater quantity of air cal exhaust for a room, a air supplied. If only a nd by a mechanical exhauate makeup air consists. The calculated building eventilation in R-3 occursure equalization requires	d. Where  Iling units in R 2, is supplied by a idequate means nechanical exhaust ust system than is ing of supply air, infiltration rate	
Are additional p		Yes		No		
Please note num	nber of additional pa	ages:				

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Ü	(office use only)

Supporting Data for Statewide Amendment Proposals. This information is required for all statewide amendment proposals. <u>Attach supporting documentation</u>, as necessary; incomplete proposals will not be accepted.

The SBCC requires supporting data on any amendment proposal to show:

- 1. That it meets basic criteria See Part I to specify how this proposal meets the criteria for code amendment.
- 2. The intended effect—See Part II to describe the purpose of the proposed amendment, including the benefits and the problems addressed.
- 3. The potential impacts or benefits to business—See Part III/Types of Construction, to explain how methods in construction businesses, industries and services would be affected.
- 4. The potential impact on enforcement procedures, See Part III/Types of Services Required, to provide some analysis of the impacts on code enforcement in local jurisdictions.
- 5. Economic costs and benefits Use the Table in Part IV of this form to estimate the costs and benefits of the proposal on construction practices, users and/or the public, the enforcement community, and operation and maintenance.

## Part I & Background information on amendment.

Code References:	2012 IMC 501.4	Title: I	Pressure Equalization			
Related codes:	403.8	(Does th	is amendment change othe	r related codes?)		
Proponent:	Eric Vander Mey	Phone:	206-285-7114	Date:	3/1/2012	

**NOTE:** State-wide and emergency state-wide amendments to the state building code must be based on one of the following criteria; please indicate the pertinent rationale for the proposed amendment by selecting from the list below:

- (1) The amendment is needed to address a critical life/safety need.
- (2) The amendment is needed to address a specific state policy or statute.
- (3) The amendment is needed for consistency with state or federal regulations.
- (4) The amendment is needed to address a unique character of the state.
- (5) The amendment corrects errors and omissions.

## 

PROBLEM(S) ADDRESSED (Describe the intended effect of the proposed code amendment):

Clarify that R-3 occupancies and dwelling units in R-2 occupancies are exempt from pressure equalization requirements of 2012 IMC Section 501.4.

PRIMARY REASON FOR AMENDMENT: (Describe how the amendment meets one of the criteria listed above)

This amendment corrects errors and omissions. Clarify existing code language to improve enforcement. Existing language is confusing if R-2 and R-3 units are exempt from part of the section or the entire section. Rewording the code language to be an exception to the entire section adds clarity to the code.

This is consistent with how the code has been enforced over the last several code cycles.

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Multi-Family Residential Occupancies.		

Part III & Amendment Impacts or Benefits:							
TYPES OF CONSTRUCTION:   New Construction  Provided to the Ferritan Provided to the Provided t	1 1						
☐ Residential-Single Family ☐ Residential-Mult	ti Family   Commercial Industrial						
List businesses/industries affected by amend	dment:						
Manufacturers:	N/A						
Specific Construction Contractors & Trades:	N/A						
Construction Supply Industry:	N/A						
Specialty Trades:	N/A						
Types of Buildings:	Residential Multi-Family						
Fire Protection Industry:	N/A						
TYPES OF SERVICES REQUIRED:  ☑ Reporting. Brief Description:							
No impact.							
☑ Record Keeping. Brief Description:							
No impact.							
□Other. Brief Description:							

☑ **Indirect Cost to Industry**. Indicate whether there are multiple sources to obtain the equipment, material or service required by this proposal. If not, provide a justification of the benefit versus small business impact.

## Part IV ❖ Amendment Costs and Benefits

	Construction <sup>1</sup>			Enforcement <sup>2</sup>			Operations & Maintenance <sup>3</sup>		
Building Type	Costs	% impact <sup>4</sup>	Benefits <sup>5</sup>	Costs	% impact	Benefits	Costs	% impact	Benefits
Residential									
Single family	NA	NA	NA	NA	NA	NA	NA	NA	NA
Multi-family	None	None	None	Lower	Minimal	None	None	None	None
Commercial/Retail	NA	NA	NA	NA	NA	NA	NA	NA	NA
Industrial	NA	NA	NA	NA	NA	NA	NA	NA	NA
Institutional	NA	NA	NA	NA	NA	NA	NA	NA	NA

<sup>&</sup>lt;sup>1</sup> \$ / square foot of floor area or other cost. Attach data. **Construction** costs are costs prior to occupancy, and include both design and direct construction costs that impact the total cost of the construction to the owner/consumer.

<sup>&</sup>lt;sup>2</sup> Cost per project plan. Attach data. **Enforcement** costs include governmental review of plans, field inspection, and mediated litigation required for enforcement.

<sup>&</sup>lt;sup>3</sup> Cost to building owner/tenants over the life of the project.

<sup>&</sup>lt;sup>4</sup> Cost differential over a specific size project or range of projects as determined by the proponent. Provide sufficient cost and benefit detail to clarify the impact to the Council. All data should be created and referenced to third party reputable sources for verification.

<sup>&</sup>lt;sup>5</sup> Note sectors with measurable benefit from Part II, including benefits to a) the user, b) the public, c) the industry, and/or d) the economy; use e) for all of the above.